

Figure 3

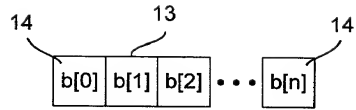


Figure 4

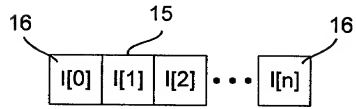


Figure 5

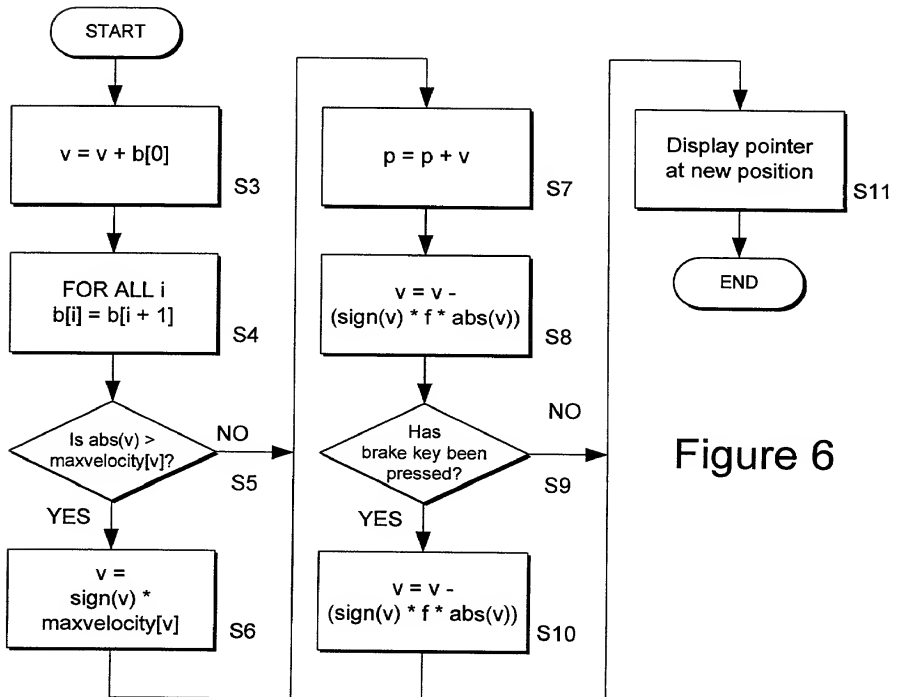


Figure 6

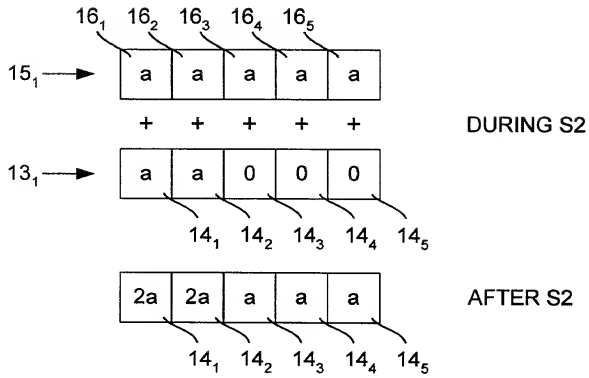


Figure 7

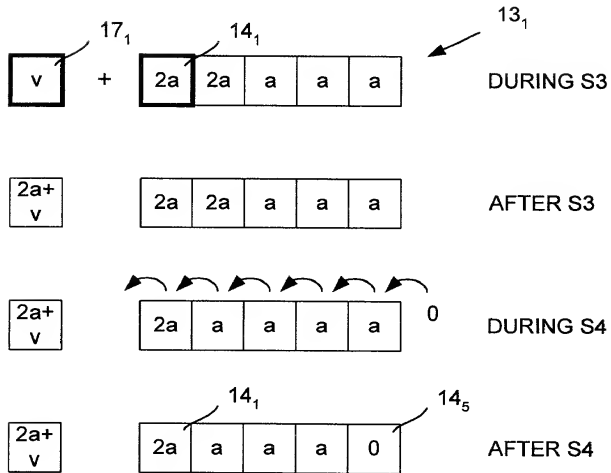
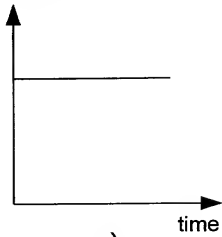


Figure 8

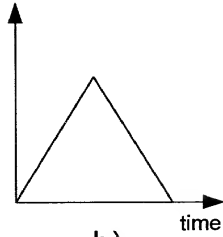
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rate of change of
acceleration



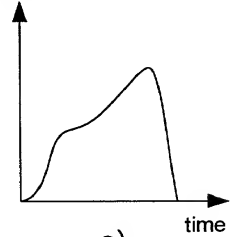
a)

rate of change of
acceleration



b)

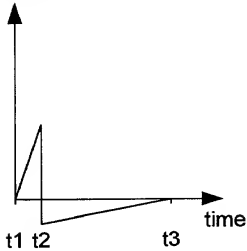
rate of change of
acceleration



c)

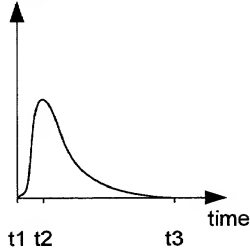
Figure 9

acceleration
along x-axis



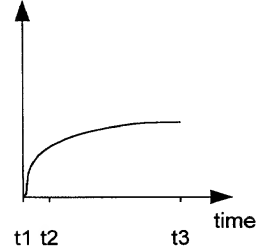
a)

velocity along
x axis



b)

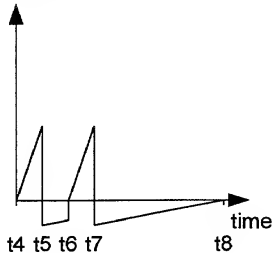
relative position
along x axis



c)

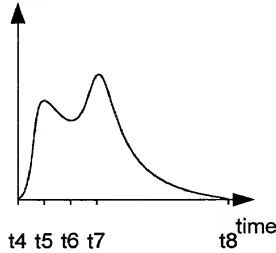
Figure 10

acceleration
along x axis



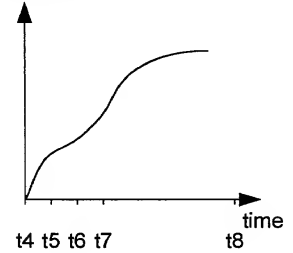
a)

velocity along
x axis



b)

relative position
along x axis



c)

Figure 11

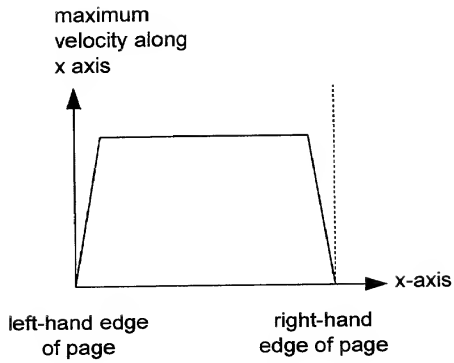


Figure 12

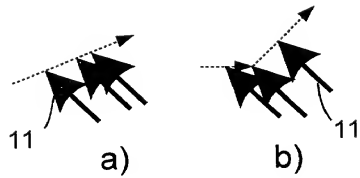


Figure 13

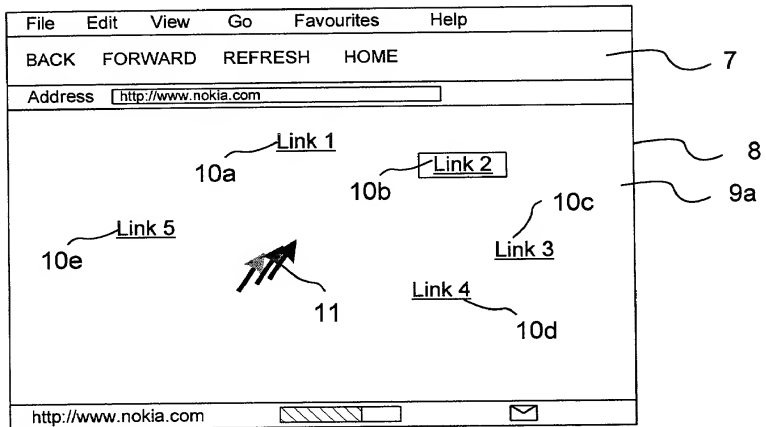


Figure 14

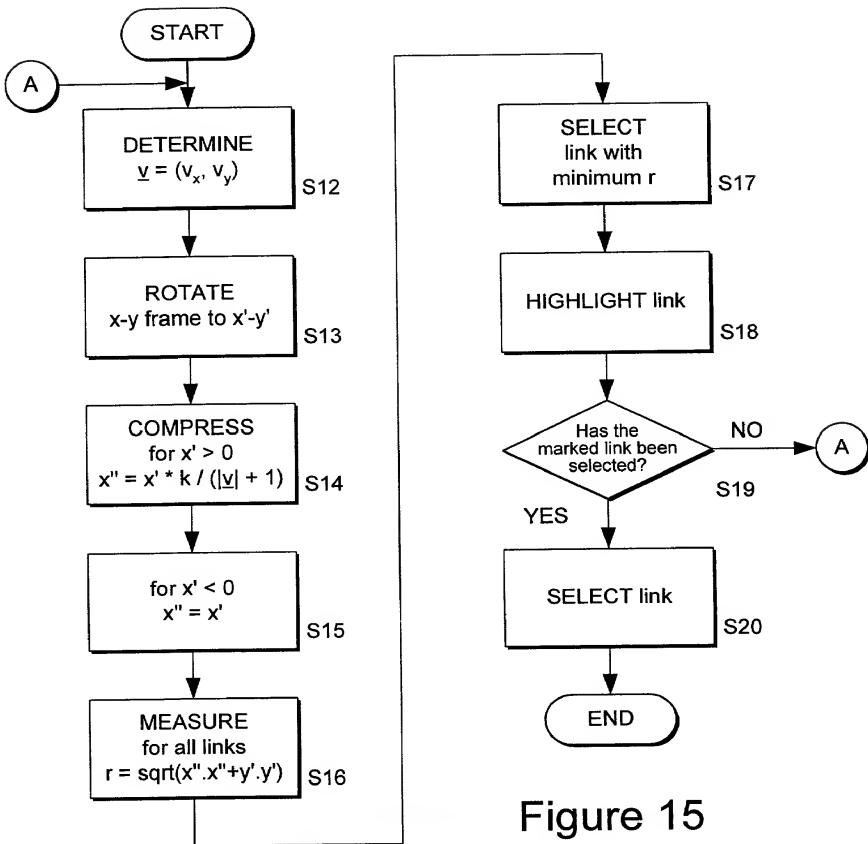


Figure 15

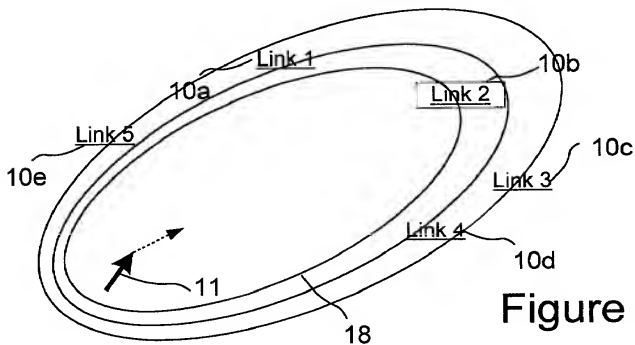
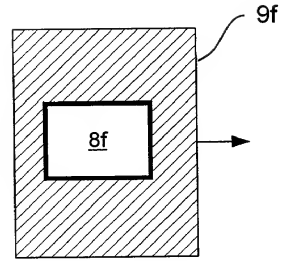
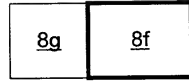
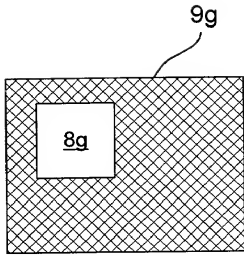


Figure 16

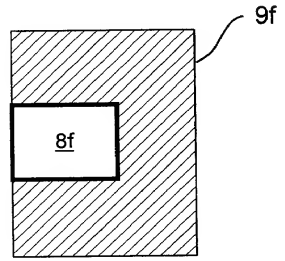
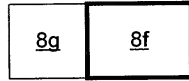
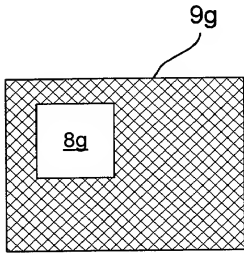
101290.0149860

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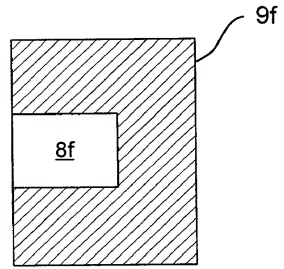
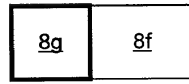
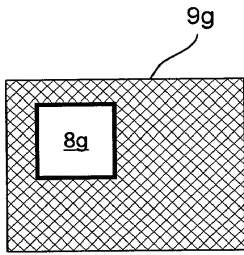
a)



b)



c)



d)

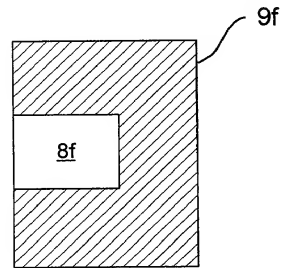
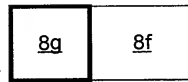
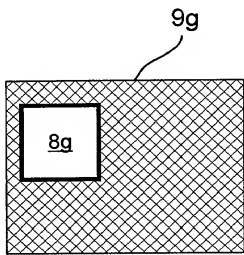


Figure 19

